

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B03092022-1	
Date: 1/27/2022		Inspected By: Jeff Ward		Category: Eng. - Engineering	
BRIDGE INFORMATION					
Site:		1-253 - BRAZIL'S HILL BRIDGE #2 - R70			
SUBSTRUCTURE					
Condition:	F1 - Fair	Bearings:	I - Inapplicable		
		Bearing Seat:	I - Inapplicable		
Comments:	Medium erosion and assumed scour to outlet wingwall footing on North East side. Recent rehab work appears to be holding up well.				
SUPERSTRUCTURE					
Condition:	P3 - Poor	Expansion Joints:	I - Inapplicable		
Comments:	Minor to medium efflor and moderate honeycombing throughout frame legs. Narrow vertical cracks at NE wingwall with moderate efflor. Moderate horizontal cracking at inlet frame legs and some alligator cracking.				
DECK					
Condition:	F2 - Fair	Curbs:	I - Inapplicable		
Hand Rail:	G - Good	Roadway Condition:	F2 - Fair		
Approach Rail:	F2 - Fair				
Comments:	Hand rails recently rehabbed and in good condition, approach rails good with some erosion around posts on north approach. Underside of deck has minor efflor and medium honeycombing				
HYDROLOGY					
Water Velocity:	0.5 m/s	Ice Problem:	N - No Problem		
Water Depth:	0.3 m	Scour Problem:	P - Possible Problem		
Waterway:	01 - Adequate	Debris Problem:	N - No Problem		
Comments:	Higher than usual water volume due to recent heavy rains and snow melt.				
REPLACEMENT/REHABILITATION					
Next Rehab. Date:	2022	Replacement Year:	2030		
Antic. Rehab. Cost:	\$20	Replacement Cost:	\$750		
Recommendations:	Repair erosion around guide posts.				
OBSERVATIONS					
Overall Condition:	F1 - Fair	Requires Further Inspection:	No		
Additional Observations:	Recently rehabbed approach and handrails.				

Department of Transportation and Infrastructure, Government of Newfoundland and Labrador 2024.